Specialty Chemical Manufacturers
for Aviation & Industry

## TECHNICAL DATA SHEET

# CH8150HG

## *Aerocare Gel*

***Code 2522***

### DESCRIPTION

Callington Aerocare Gel (CH8150HG) is an eco-friendly, high-gloss cleaning gel specifically formulated to significantly reduce the time and level of manual effort required. The slow-drying formula is designed for easy cleaning of heavily soiled sections of the aircraft, such as the lower fuselage, wing flaps, and the nose wheel well. The gel formulation provides extended dwell time, and it's suitable for both wet & dry wash applications. With results seen in under 3mins.

### FEATURES & BENEFITS

- **Gel-Powered Efficiency:** Its viscous (thixotropic) formula enhances adhesion, boosting cleaning power and reducing manual effort.
- **Effective Pollution Removal:** Rapidly eliminates dirt, grease, carbon, and exhaust residues within minutes of application.
- **Environmentally Friendly:** Readily biodegradable, low VOC, meeting EU Ecolabel, CleanGredients, and Safer Choice standards. Free of harmful substances, ensuring minimal environmental impact.
- **High-Gloss Finish:** Leaves surfaces clean without streaks, making it ideal option for dry wash applications.
- **Easy Rinsing:** Controlled foam simplifies rinsing, enhancing user convenience.
- **Corrosion Inhibition Protective Properties:** With ingredients that not only prevent corrosion but also offer extended protection for aircraft surfaces and enhance the longevity of the aircraft's coating system against environmental and chemical damage.

### APPROVALS AND CONFORMITIES

- AMS 1526C
- AMS 1530C
- AMS 1533C
- Boeing D6-17487 (Rev T)
- MIL-PRF-87937E (Type III)
- Airbus CML 08ABD1
- Bell 00303040


### ORDERING INFORMATION

| Product Code | Packaging | Units/Carton |
|---|---|---|
| 2522/51 | 20 Litres | Each |
| 2522/64 | 200Litres | Each |

**Callington Haven Pty Ltd**
30 South Street, Rydalmere NSW2116 Australia
**E:** australia@callington.com **T:** +61 2 9898 2788
**W:** callington.com

**Callington Europe – Produits Sanitaires Aeronefs s.a.s.**
1 rue de Lamirault - Zae de Lamirault 77090 Collégien – France
**T:** +33 (0) 1 64 11 33 22 **E:** psa@psa-paris.com
**W:** psa-paris.com

# TECHNICAL DATA SHEET

## DIRECTIONS FOR USE

CH8150HG can be used undiluted or mixed with water based on soil intensity; however, adding water will reduce its thixotropic properties. For heavy soil buildup, apply CH8150HG **undiluted**. Moderately soiled surfaces, mix 1 part CH8150HG with 5 parts water. For light soil, blend 1 part CH8150HG with 10 parts water, at the discretion of the airline. *Dilution suggestions are provided as general references.*

**Wet Wash:**
Apply CH8150HG using cloth, mop, brush, pad, or spray equipment according to dilution guidelines. Distribute and agitate onto the surface, allowing up to 5 minutes for penetration. Re-agitate if necessary. Rinse with flowing water or a high-pressure washer, starting from the top and moving downward.

**Dry Wash:**
For best results, dilute 1-part CH8150HG with 5 parts water. Apply on sections with a cloth or cleaning tool. Allow up to 5 minutes in heavily soiled areas before wiping with a clean cloth. Replace the cloth when saturated.

**Heavy Duty Cleaning (Landing Gear & Wheel Wells):**
Apply **undiluted** CH8150HG on surfaces using cloth, mop, brush, pad, or spray equipment, leaving a film. Let the gel sit and soak for up to 5 minutes. Agitate the coated surface as necessary using a cloth, mop, brush, or pad. Rinse thoroughly with water after agitation.

*Note: Dilution quantities can be adjusted based on specific cleaning requirements.*

## PHYSICAL PROPERTIES

| | |
|---|---|
| Appearance: | Orange, viscous liquid. |
| pH: | 12.4 ± 0.5 |
| pH at 10% dilution: | 11.4 ± 0.5 |

## SAFETY, HANDLING AND DISPOSAL INFORMATION

Please read Material Safety Data Sheet before using the product.
Dispose of any leftover product and its packaging in accordance with local waste disposal regulations.


Created 27 July 2023 Modified 03/06/25 Date Printed 3/06/2025 1:01 PM

**Callington Haven Pty Ltd**
30 South Street, Rydalmere NSW2116 Australia
**E:** australia@callington.com **T:** +61 2 9898 2788
**W:** callington.com

**Callington Europe – Produits Sanitaires Aeronefs s.a.s.**
1 rue de Lamirault - Zae de Lamirault 77090 Collégien – France
**T:** +33 (0) 1 64 11 33 22 **E:** psa@psa-paris.com
**W:** psa-paris.com